

What is claimed is:

1. A case comprising:
 - an outer cylindrical member;
 - an inner cylindrical member fitted in said outer cylindrical member;
 - at least one engaging opening provided in one of said inner and outer cylindrical members;
 - a deformable band provided in the other of said inner and outer cylindrical members for inserting into said engaging opening; and
- 10 a poisoning mechanism provided between said inner and outer cylindrical members to face said deformable band to said engaging opening.
2. The case according to claim 1, wherein said positioning mechanism has a stopper provided on one of said inner and outer cylindrical members to contact with the other of the inner and outer cylindrical members and a protrusion provided on the other of said inner and outer cylindrical members to contact with said stopper.
3. An electric motor comprising:
 - a yoke in which permanent magnets are held,
 - 20 said yoke including a cylindrical yoke body having a bottom and an auxiliary yoke in which said yoke body is fitted;
 - at least one engaging opening provided in one of said yoke body and auxiliary yoke; and
 - 25 a deformable band provided in the other of said yoke body and auxiliary yoke,
 - wherein said deformable band is fitted in said engaging opening in a state that said yoke body and auxiliary yoke are fitted.

4. The electrical motor according to claim 3, wherein it further comprises a positioning mechanism provided between said yoke body and auxiliary yoke to face the deformable band to the engaging opening.
5. The electric motor according to claim 4, wherein said positioning mechanism includes a stopper provided on the auxiliary yoke to contact with a portion of the yoke body and a protrusion provided on the yoke body to contact with said stopper.
6. The electric motor according to claim 1, wherein said deformable band includes a plurality of inclined surfaces which are contacted with edges of said engaging opening to impart a pressed force axially and peripherally of the inner or outer cylindrical member.
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7. The electric motor according to claim 3, wherein said deformable band includes a plurality of inclined surfaces which are contacted with edges of said engaging opening to impart a pressed force thereto axially and peripherally of the yoke body or auxiliary yoke.
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8. The case according to claim 2, wherein said deformable band includes inclined surfaces which are contacted with the edges of the engaging opening to impart a pressed force thereto so as to contact the stopper with the other of the inner and outer cylindrical members.
9. The electric motor according to claim 5, wherein said deformable band includes inclined surfaces which are contacted with the edges of the engaging opening to impart thereto a pressed force so as to contact the stopper with the yoke body.
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10. A method for producing an electric motor, comprising the steps of:
25 fitting a cylindrical yoke body into a cylindrical auxiliary yoke;
rotating said auxiliary yoke relative to said yoke body;
facing a deformable band provided on one of said auxiliary yoke

and yoke body to an engaging opening provided on the other of said auxiliary yoke and yoke body by abutting a stopper provided on one of said auxiliary yoke and yoke body with a protrusion provided on the other of the auxiliary yoke and yoke body; and

- 5 inserting said deformable band into said engaging opening.